

ABSTRACT OF THE DISCLOSURE

To provide a multibeam scanning optical device and an image forming apparatus using the same which can attain both of a large adjustment range and high
5 adjustment accuracy using a plurality of adjusting units having sensitivities different from each other. There is provided a multibeam scanning optical device including: a first optical system which transforms a plurality of light beams emitted from a plurality of
10 light source units into divergent light beams or convergent light beams; a second optical system which focuses a plurality of light beams emitted from the first optical system as a linear image in a main scanning direction in the vicinity of a deflection
15 plane of a deflecting unit; the deflecting unit which deflects a plurality of light beams emitted from the second optical system in the main scanning direction; and a third optical system which focuses the plurality of light beams deflected by the deflecting
20 unit on a surface to be scanned at a predetermined scanning lines gap, in which the multibeam scanning optical device further includes a plurality of adjusting units having sensitivities different from each other which change a relative gap in a sub-
25 scanning direction of principal ray of a plurality of light beams incident in the second optical system.